



PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/774,544
Filing Date	02/09/2004
First Named Inventor	Holmes
Art Unit	3679
Examiner Name	
Attorney Docket Number	P60205US03NJ

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 0784400	03-07-1905	Howe	
		US- 2508914	05-23-1950	Graham	
		US- 2953398	09-20-1960	Haugen	
		US- 3445120	05-20-1969	Barr	
		US- 3606402	09-20-1971	Medney	
		US- 3726549	04-10-1973	Bradley	
		US- 3733093	05-15-973	Seiler	
		US- 4119333	10-10-1978	Straub	
		US- 4119335	10-10-1978	Rieffle	
		US- 4396210	08-02-1983	Spencer	
		US- 4428604	01-31-1984	Conner	
		US- 4524505	06-25-1985	Conner	
		US- 4602792	07-29-1986	Andrick	
		US- 4606559	08-19-1986	Rammelsberg	
		US- 4643466	02-17-1987	Conner, et al	
		US- 4662656	05-05-1987	Douglas, et al	
		US- 4685708	08-11-1987	Conner, et al	
		US- 4789167	12-06-1988	Housas	
		US- 4805932	02-21-1989	Imhof, et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP-5229625-A	03-15-1977	Kubota, Ltd.		

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		Number-Kind Code ² (if known)			
		US- 4878698	11-07-1989	Gilchrist	
		US- 5024454	06-18-1991	McGilp	
		US- 5037144	08-06-1991	Peting	
		US- 5067751	11-26-1991	Walworth, et al	
		US- 5150929	09-29-1992	Greatorex	
		US- 5297826	03-29-1994	Percebois	
		US- 5328215	07-12-1994	Grenier	
		US- 5332043	07-26-1994	Ferguson	
		US- 5335946	08-09-1994	Dent	
		US- 5398980	03-21-1995	Hunter	
		US- 5431453	07-11-1995	Yamashita	
		US- 5476290	12-19-1995	Bergmann, et al	
		US- 5476292	12-19-1995	Harper	
		US- 5496073	03-05-1996	Grenier	
		US- 5803513	09-08-1998	Richardson	
		US- DES 398504	09-22-1998	Yamashita	
		US- 5897146	04-27-1999	Saito, et al	
		US- 5918914	07-06-1999	Morris	
		US- 6019396	02-01-2000	Saito, et al	

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		Number-Kind Code ² (if known)			
JH		US- 6168210	01-02-2001	Bird	
		US- 6173993	01-16-2001	Shumard	
		US- 6299217	10-09-2001	Saito, et al	
		US- 2002/0158466	10-31-2002	Jones	
		US- 6502867	01-07-2003	Holmes	
		US- 6568658	05-27-2003	Strome	
		US- 6688652	02-10-2004	Holmes	
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		Number-Kind Code ² (if known)			
[Signature]		US- 09/590586	06-08-2000	Holmes	
		US- 10/685914	10-15-2003	Copeland	
		US- 2004/0075217 A1	04-22-2004		
		US- 10/841197	05-07-2004	Holmes	
		US- 2005/0006855 A1	01-13-2005		
		US- 10/950263	09-24-2004	Copeland	
		US- 2005/0067836 A1	03-31-2005		
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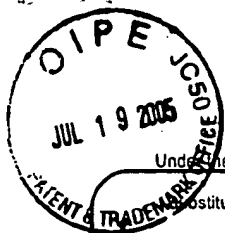
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24		US- 2004/0075217 A1	04-22-2004	Copeland	
		US- 2005/0006855 A1	01-13-2005	Holmes	
		US- 2005/0067836 A1	03-31-2005	Copeland	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
24		WO 03/050421 A2	06-19-2003	United States Pipe & Foundry		
		WO 2005/031174 A2	04-07-2005	United States Pipe & Foundry		
		WO 2005/047745 A2	05-26-2005	United States Pipe & Foundry		

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